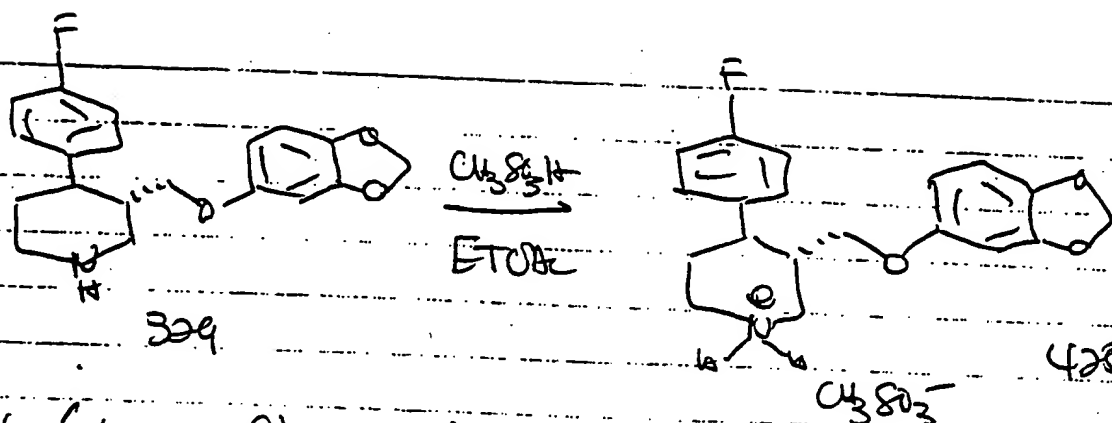


b

According to 5,874,447 example 1

8/15/00



4.14g (12.6 mmol) paroxetine free base - Synthor  
 6.62 mL (12.6 mmol)  $\text{CH}_3\text{SO}_3\text{H}$  - 99.5% aldich  
 14 mL hot ethyl acetate.

Methanesulfonic acid was added to paroxetine free base in boiling EtOAc. Cooled to RT for 1.5 h.  $\frac{1}{3}$  then placed in  $-20^\circ\text{C}$  freezer overnight.

8/25/00 After 10 days @  $-20^\circ\text{C}$  - no crystallization had occurred.

Solution was warmed to  $25^\circ\text{C}$  - a small quantity of the "seed" from other prep. were added. Replaced in  $-20^\circ\text{C}$  freeze. 30 min crystallization occurred w/in 10-15 min.

Solid was collected by filtration & dried under vacuum for 3 days.

mp  $144-145^\circ\text{C}$  8/29/00 - 15 min yield 4.25 g. 79%.